

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001568

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 38/12, C07K 7/50, A61P 7/00, A61P 7/02, A61P 9/10 // A61P35/00
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K, C07K, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ITOU, Yusai et al, "Anabaenopeptins G and H, Potent Carboxypeptidase A Inhibitors from the Cyanobacterium Oscillatoria agardhii (NIES-595)", Bioorganic & Medicinal Chemistry Letters, 1999, vol. 9, page 1243 - page 1246	1,16,17
X	--	2,3,5-9,13,14,18,19
X	GRACH-POGREBINSKY, Olga et al, "Protease inhibitors from a Slovenian Lake Bled toxic waterbloom of the cyanobacterium Planktothrix rubescens", Tetrahedron, 2003, vol. 59, page 8329 - page 8336	2,3,5-9,13,14,18,19
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 February 2005

Date of mailing of the international search report

03 -03- 2005

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001568

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SANO, Tomoharu, et al, "Isolation of New Protein Phosphatase Inhibitors from Two Cyanobacteria Species, Planktothrix spp.", J. Nat. Prod., 2001, vol. 64, page 1052 - page 1055 --	2,3,5-9,13, 14,18,19
X	ERHARD, Marcel et al, "Rapid Identification of the New Anabaenopeptin G from Planktothrix agardhii HUB 011 using Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry", Rapid Commun. Mass Spectrom., 1999, vol. 13, page 337 - page 343 --	2,3,5-9,13, 14
X	STN International, File CAPLUS, CAPLUS accession no. 1997:96876, Document no. 126:86861, Shin. Hee Jae et al: "Anabaenopeptins C and D, two new cyclic peptides from the cyanobacterium Oscillatoria agardhii (NIES-204"; & Journal of Natural Products (1997), 60(2), 139-141 --	2,3,5-9,13, 14,18,19
A	STN International, File CAPLUS, CAPLUS accession no. 1999, Document no. 131:334388, Kodani, S. et al: "Five new cyanobacterial peptide from water bloom materials of lake Teganuma (Japan)"; & FEMS Microbiology Letters (1999), 178(2), 343-348 --	1,16,17
X	WO 9620216 A1 (ZENECA LIMITED), 4 July 1996 (04.07.1996) --	19
X	STN International, File CAPLUS, CAPLUS accession no. 1996:430693, Document no. 125:143289, Schmidt, Ulrich et al: "Amino acids and peptides. Part 101. What is the structure of the calmodulin antagonist konbamide from Theonella sp. synthesis of two isomers by direct biomimetic introduction of bromine in hydroxytryptophan-containing cyclic peptides"; & Angewandte Chemie, International Edition in English (1996), 35(12), 1336-1338 --	19

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001568

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MATSOUKAS, John M. et al, "Synthesis and contractile Activities of Cyclic Thrombin Receptor-Derived Peptide Analogues with a Phe-Leu-Arg Motif: Importance of the Phe/Arg Relative Conformation and the Primary Amino Group for Activity", J. Med. Chem., 1996, vol. 39, page 3585 - page 3591 --	19
X	STN International, File CAPLUS, CAPLUS accession no. 1987:407592, Document no. 107:7592, Hisamichi, Kanehiko et al: "Antibacterial peptide. XXIII. Synthesis and antibacterial activity of cyclic acylpentapeptides related to colistin"; & Annual Report of the Tohoku College of Pharmacy (1985), (32), 31-7 --	19
A	WO 0214285 A1 (PFIZER LIMITED), 21 February 2002 (21.02.2002) -- -----	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

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